

Wärtsilä is the world's leading supplier of marine engineered sealing systems, and the only supplier in the world to offer a full range of both radial and axial seal types, commonly known as face seals and lip seals, for any ship type or ship size, whether naval or commercial.

The products are reliable, efficient and easy to maintain through the global Wärtsilä service network. The range of seals is unequalled in the market.

Product application	Product group	Product specification	Shaft size/mm	Special Features	
Wärtsilä sterntube seals	Environmental	Oceanguard	OCEAN AC/MK2	400-750	Pollution free
		Airguard	3AS, 3AS-B, 4AS, 4AS-B	315-1172	Anti-polluting
		Sandguard	3AS-D, 4BL-D	145-1172	Sand eliminating/pollution free
	Conventional	Manecraft	EM, EY	25-65	Water/economical
		Manedive	AD-C, AD-R	150-800	Submarine seal
		Maneguard	FSE, PSE	80-330	Fully or partially split design/water
		Maneseal	M9, M9.5, M12, MA, MD	161-1040	Water
		Sandguard	MK2-D	145-1172	Anti-polluting
	Sternguard	MK2, MK2-M, 4BL	56-1172	Highly resistant to wear and to attack by seawater and oil	
Wärtsilä stabiliser seals	Manestabe	EJ, EK, EL	50-330	Oil water or grease lubricated	
	Sternguard	MK2	75-1250	Oil or grease lubricated	
Wärtsilä pump seals	JC pump seals	all sorts of JC types	5-175	For all onboard applications	
Wärtsilä bulkhead seals	Manesafe	NA, NB, ND, NS	50-1000	Bi-directional diaphragm type	
	GP	Gland Packing	91-800		
Wärtsilä rudderstock seals	Maneguide	EJ, EK, EL, ER, ES	≥ 50	Split/economical	
	Sternguard	MK2	155-1250	Can be renewed in situ by vulcanizing/split or solid	
Wärtsilä jet seals	Manejet	EXJ	70-352	Waterjet seals	
Wärtsilä thruster seals	Oceanguard	OCEAN AC/MK2	400-700	Pollution free	
	Manebar	EJ, EK	50-330		
	Maneguard	PSE	70-250		
	Other	AF, AH	50-1000		
	Sternguard	MK2, MK2-M, 4BL	56-1172		
Wärtsilä podded propulsion seals	Oceanguard	OCEAN AC/MK2	400-700	Pollution free	
	Maneguard	PSE	70-250		
	Sternguard	MK2, MK2-M, 4BL	56-1172		
	Airguard	3AS, 3AS-B, 4AS, 4AS-B	340-1172	Anti-polluting	
Wärtsilä bearings	Line shaft bearing	FL, SL, SLS, FLS, SLT, FLT	≥ 121		
	Sterntube bearing	STB	100-1172		
	Thrust bearing	TB			
	Maneguard bearing	MGB	70-320	Pollution free	
	Steersafe bearing	SB	200-1200	Low wear	
	Sternsafe bearing	SSB	200-1200	Oil	
	Ecosafe bearing	ESB	330-1200	Pollution free	
	Worksafe bearing	WSB	70-320	Oil	
Wärtsilä shafting accessory	Hydraulic nut	Hydraulic nut ( Propeller + Rudder stock)			